

## Location



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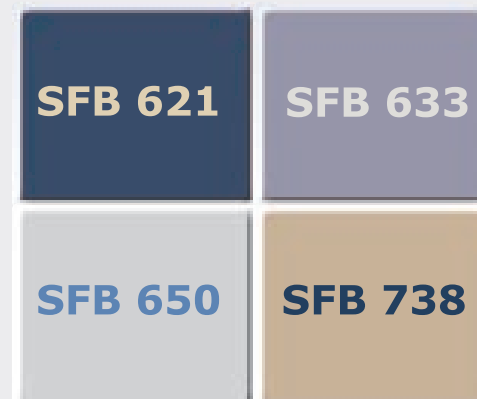
- Miltenyi Biotec



- SFB 621 - Pathobiology of the Intestinal Mucosa  
Hannover Medical School
- SFB 633 - Induction and Modulation of T Cell Mediated Immune Responses in the Gastrointestinal Tract  
Charité Berlin
- SFB 650 - Cellular Approaches to the Suppression of Unwanted Immune Reactions  
Charité Berlin
- SFB 738 Improvement of Conventional and Innovative Transplants  
Hannover Medical School

## „Tolerance and Immunoregulation –

### From basic mechanisms to therapeutic applications“



Berlin 2009

## Satellite Symposium of the European Congress of Immunology

Berlin, Germany  
September 11<sup>th</sup> - 12<sup>th</sup> 2009

## Friday, September 11<sup>th</sup> 2009

13.45 – 14.00 Welcome and opening session

### Functional Properties of Regulatory T Cells

- 14.00 - 14.24 Harald von Boehmer (Boston, USA)  
Pathways that favour antigen-specific Treg induction
- 14.24 - 14.48 Shimon Sakaguchi (Kyoto, Japan)  
CTLA-4 for Treg-mediated suppression
- 14.48 - 15.12 Elmar Jäckel (Hannover, Germany)  
Defects in negative selection and therapeutic intervention in autoimmunity
- 15.12 - 15.36 Andreas Thiel (Berlin, Germany)  
Assessing immunity and tolerance according to activation marker signatures
- 15.36 - 16.00 Jochen Hühn (Braunschweig, Germany)  
Epigenetic regulation of Foxp3 expression in regulatory T cells
- 16.00 - 16.30 Coffeebreak

### Mucosal Immunity at the Interphase Between Tolerance and Inflammation

- 16.30 - 16.54 Adrian C. Hayday (London, GB)  
The lymphoid stress-surveillance response in epithelial tissues
- 16.54 - 17.18 Andrew MacPherson (Bern, Switzerland)  
A continuum between innate and adaptive immunity in host microbial mutualism
- 17.18 - 17.42 Uta E. Höpken (Berlin, Germany)  
Functional significance of the homeostatic chemokine receptor CCR7 in mucosal lymphocyte recirculation and tissue integrity
- 17.42 - 18.06 Britta Siegmund (Berlin, Germany)  
Mesenteric fat tissue – regulatory function in intestinal inflammation
- 18.06 - 18.30 Oliver Pabst (Hannover Germany)  
Beyond the induction phase: A novel three step model of Oral tolerance
- 19.00 - 22.00 Postersession and Dinner

## Saturday, September 12<sup>th</sup> 2009

### Translational Concepts in Downregulation of Inflammation

- 09.00 - 09.24 Juan Lafaille (New York, USA)  
Adaptive Foxp3+ Regulatory T cells
- 09.24 - 09.48 Ethan M. Shevach (Bethesda, USA)  
Control of Autoimmunity by Natural and Adaptive T Regulatory Cells
- 09.48 - 10.12 Birgit Sawitzki (Berlin, Germany)  
New therapeutic concepts to combat transplant rejection
- 10.12 - 10.36 Andreas Radbruch (Berlin, Germany)  
Regulation of pathogenic immunological memory
- 10.36 - 11.00 Christoph Klein (Hannover, Germany)  
Novel human monogenic disorders causing severe inflammatory bowel disease
- 11.00 - 11.30 Coffeebreak

### Regulation of Immune Responses by Antigen Presenting Cells

- 11.30 - 11.54 Hermann Wagner (Munich, Germany)  
TLR activated mTOR signaling controls via Stat3 Interleukin 1 $\beta$  production
- 11.54 - 12.18 Stefan Martin (Freiburg, Germany)  
Dendritic cells in the regulation of inflammatory skin disease
- 12.18 - 12.42 Katja Klugewitz (Berlin, Germany)  
Priming of CD4+ T cells by liver endothelial cells induces CD25<sup>low</sup> FoxP3- regulatory T cells suppressing autoimmune hepatitis
- 12.42 - 13.06 Reinhold Förster (Hannover, Germany)  
Mechanisms of tolerance induction by dendritic cells
- 13.06 - 14.00 Lunch

## Saturday, September 12<sup>th</sup> 2009

### Immunological Consequences of Stem Cell Transplantation

- 14.00 - 14.24 Matthias Edinger (Regensburg, Germany)  
CD4+CD25+ regulatory T cells in allogeneic stem cell transplantation
- 14.24 - 14.48 Jonathan S. Bromberg (New York, USA)  
Migration, differentiation, and function of regulatory suppressive T cells
- 14.48 - 15.12 Nisar Malek (Hannover, Germany)  
Molecular Mechanisms of Liver Stem Cell Proliferation
- 15.12 - 15.36 Martin Sauer (Hannover, Germany)  
Breaking tolerance: Adoptive T cell therapy after MHC-mismatched hematopoietic stem cell transplantation for leukemia
- 15.36 - 16.00 Lutz Uharek (Berlin, Germany)  
NK cells and innate immunity in allogeneic stem cell transplantation
- 16.00 - 16.30 Coffeebreak

### Tolerance in the Clinical Setting

- 16.30 - 16.54 Lucienne Chatenoud (Paris, France)  
Restoring self-tolerance in clinical autoimmunity
- 16.54 - 17.18 Kathryn Wood (Oxford, GB)  
Regulatory T cells in transplantation
- 17.18 - 17.42 Reinhard Schwitzer (Hannover, Germany)  
Development of donor-specific adaptation in renal transplant recipients
- 17.42 - 18.06 Eva Mischak-Weissing (Hannover, Germany)  
Proteomics in clinical diagnostics
- 18.06 - 18.30 Falk Hiepe (Berlin, Germany)  
De novo generation of a tolerant immune system in patients with refractory autoimmune diseases due to immunoablative therapy followed by autologous stem cell transplantation
- 20.00 Speakers Dinner